



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/660,811
Source: 1FWO
Date Processed by STIC: 3/12/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/660,811

DATE: 03/12/2004
TIME: 09:13:21

Input Set : A:\00786.435003.SEQLIST.TXT
Output Set: N:\CRF4\03122004\J660811.raw

4 <110> APPLICANT: Rahme, Laurence
 5 He, Jianxin
 6 Baldini, Regina
 7 Solsbacher, Jens
 8 Wagner, Peter
 10 <120> TITLE OF INVENTION: Virulence-Associated Nucleic Acids and
 Proteins and Uses Thereof
 14 <130> FILE REFERENCE: 00786/435003
 16 <140> CURRENT APPLICATION NUMBER: 10/660,811
 17 <141> CURRENT FILING DATE: 2003-09-12
 19 <150> PRIOR APPLICATION NUMBER: US 60/410,376
 20 <151> PRIOR FILING DATE: 2002-09-12
 22 <150> PRIOR APPLICATION NUMBER: US 60/410,817
 23 <151> PRIOR FILING DATE: 2002-09-13
 25 <160> NUMBER OF SEQ ID NOS: 290
 27 <170> SOFTWARE: FastSEQ for Windows Version 4.0

See pg 2-3

ERRORED SEQUENCES

8849 <210> SEQ ID NO: 234
 8850 <211> LENGTH: 56
 8851 <212> TYPE: PRT
 8852 <213> ORGANISM: Pseudomonas aeruginosa
 8854 <400> SEQUENCE: 234

See p. 2

E--> 8855

Gln Val Gln His Pro Cys Leu Leu Asp Gln Gln Gln Glu Cys Ile Pro Pro Cys Leu Pro Pro Asp His

<210> 234
 <211> 56
 <212> PRT
 <213> Pseudomonas aeruginosa

<400> 234

Gln Val Gln His Pro Cys Leu Leu Asp Gln Gln Glu Cys Ile Pro Pro Cys Leu
 Pro Pro Asp His Leu Gln Asp Pro Gln His Pro Phe Leu Leu Pro Asp His His Val Pro
 His Leu Val Val Leu Ile Gln Pro Gln Leu Cys Arg Ala Leu Ala Pro

→
 number
 the
 amino acids
 (see below)

insert a hard return

hard return

1) Per 1.822 of Sequence Rules: a MAXIMUM
 of 16 amino acids per line

2) Number the amino acids under every
5 amino acids; do not use TAB codes.
between amino acid numbers. Use space
 characters.

See p. 3

10/660,8113

<210> 128
<211> 294
<212> PRT
<213> Pseudomonas aeruginosa

<220>
<221> misc_feature
<222> 711, 790, 795
<223> n = A,T,C or G

<400> 128

? These apply to a nucleotide sequence only. Besides, only 294 amino acids are in sequence 128.

Please insure the above error does not appear in subsequent sequences.

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

FWD Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARYPATENT APPLICATION: **US/10/660,811**

DATE: 03/12/2004

TIME: 09:13:23

Input Set : **A:\00786.435003.SEQLIST.TXT**
Output Set: **N:\CRF4\03122004\J660811.raw**

L:3914 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:110
L:3918 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:180
M:341 Repeated in SeqNo=110
L:3944 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111 after pos.:480
L:4037 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:360
L:4057 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:360
L:4198 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:122
L:4199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:0
M:341 Repeated in SeqNo=122
L:4229 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:123
L:4230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123 after pos.:0
M:341 Repeated in SeqNo=123
L:4262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:300
M:341 Repeated in SeqNo=124
L:4320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:126 after pos.:660
M:341 Repeated in SeqNo=126
L:8855 M:360 E: Sequence data overflow, line data truncated, for SEQ ID#:234
L:8855 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:8855 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:8855 M:252 E: No. of Seq. differs, <211> LENGTH:Input:56 Found:48 SEQ:234
L:8868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:235 after pos.:0
I:9420 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:263
L:9421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:0
M:341 Repeated in SeqNo=263
L:9478 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:0
M:341 Repeated in SeqNo=265